SensiLase PC Software Installation Procedure

1 Minimum Computer Requirements

Caution: väsamed is not responsible if the DAS is connected to a computer that does not comply with medical safety regulations. The system of DAS and computer must have a leakage current < 0.1 mA and be compatible with applicable medical safety regulations.

The minimum requirements for a customer supplied computer are:

- Must comply to IEC 60950-1 "Information technology equipment - Safety - Part 1: General requirements"
- Mouse or integral mouse pad
- Hard disk capacity: 5 gigabytes
- Video: 1024x768
- OS: Microsoft Windows XP
- CPU: Intel Pentium or Intel Celeron with 2 GHz processor.
- RAM: 256MB
- RS232 port*, or
- USB port*
- SensiLase PC Software

1.1 Computer Graphic Speed

Important Note: The graphic speed of some computers is incapable of displaying a PVR waveform without a lag in waveform display. A computer with insufficient graphic speed should not be used with the DAS.

1.2 väsamed-Supplied Software*

A customer supplied computer requires installation of SensiLase PC software.

Option A: United States English SensiLase Systems

- SPP VIEW Software Installation Disk. This contains the SensiLase PC Software Installation Procedure, Adobe Acrobat Viewer and the Operator's Manual. This software is labeled "SPP VIEW Software Installation Disk".
- SensiLase United States English Systems require one (1) USB port. These systems will be shipped with a cable and driver software. The driver software is labeled CD#2 and is a USB to RS232 Adapter and Driver.

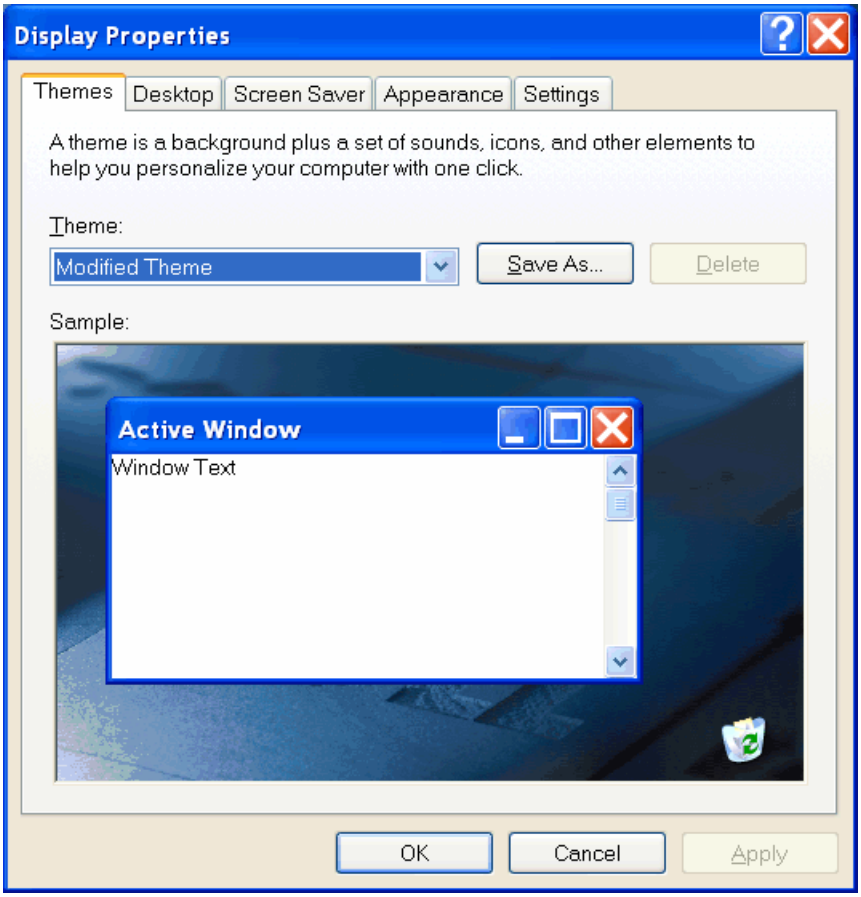
Option B: International English SensiLase Systems

- SPP VIEW Software Installation Disk. This contains the SensiLase PC Software Installation Procedure, Adobe Acrobat Viewer and the Operator's Manual. This software is labeled "SPP VIEW Software Installation Disk".
- SensiLase International English Systems can support two types of communication interface.
    - Type 1. RS2332 port. This is recommended. These systems will be shipped with a cable only since no driver software is required.
    - Type 2. USB port. This is not a preferred configuration. These systems will be shipped with a cable and driver software. The driver software is on a floppy disk packaged with the USB to RS232 Adapter cable.

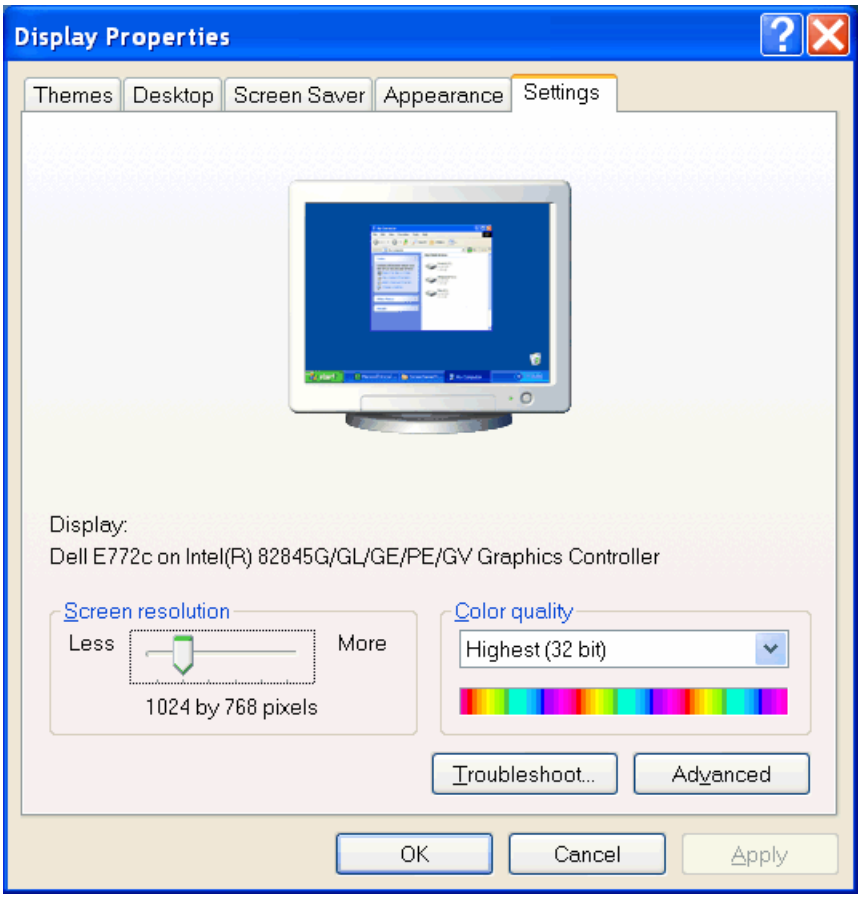
2 PC Configuration

2.1 Set display resolution to 1024 x 768 and Font size

- Close all running application
- Right click on the Desktop and select Properties from the menu. This will bring up the Display Properties dialog shown below:

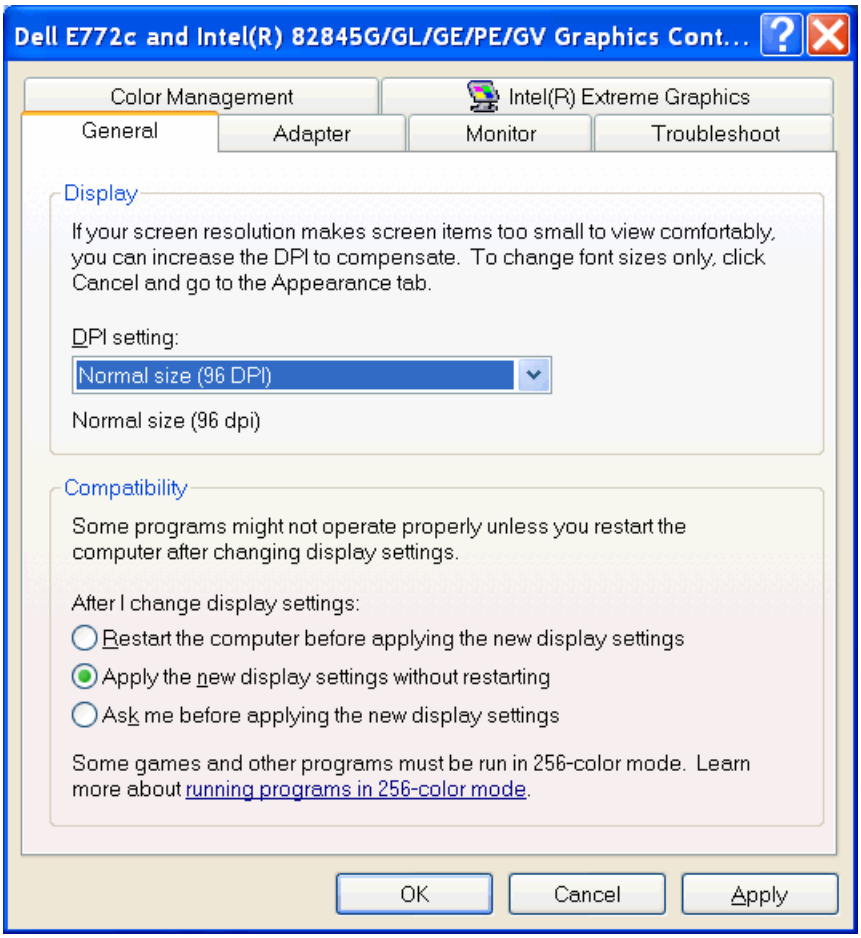


- Click the Settings tab. This will display the Settings dialog shown below:

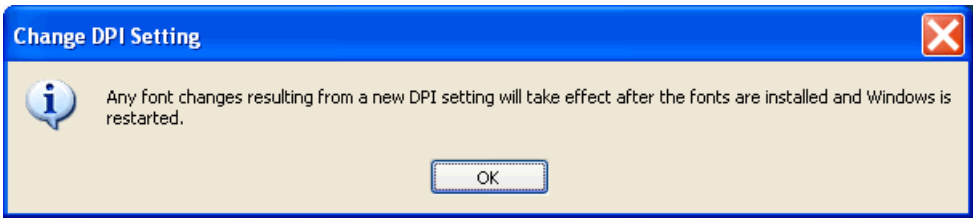


- Set the Screen resolution to 1024 x 768 Color quality to Highest (32 Bit)

- Click the Advanced button. This will display the dialog shown below:

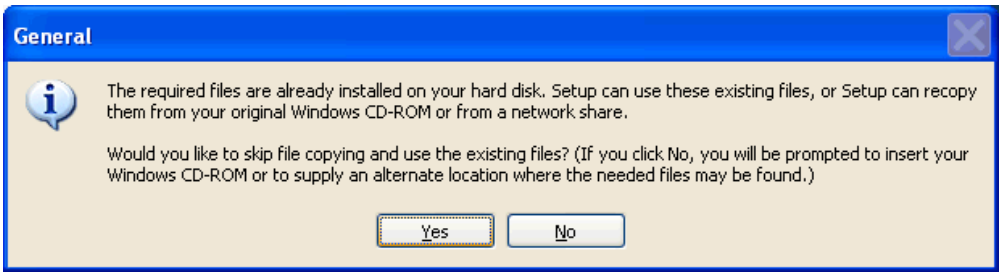

Dell E772c and Intel(R) 82845G/GL/GE/PE/GV Graphics Cont...
Color Management
Intel(R) Extreme Graphics
General
Adapter
Monitor
Troubleshoot
Display
If your screen resolution makes screen items too small to view comfortably, you can increase the DPI to compensate. To change font sizes only, click Cancel and go to the Appearance tab.
DPI setting:
Normal size (96 DPI)
Normal size (96 dpi)
Compatibility
Some programs might not operate properly unless you restart the computer after changing display settings.
After I change display settings:
Restart the computer before applying the new display settings
Apply the new display settings without restarting
Ask me before applying the new display settings
Some games and other programs must be run in 256-color mode. Learn more about running programs in 256-color mode.
OK
Cancel
Apply

- Select Large Size (120 DPI) in the DPI Setting drop down combo box. This will display the dialog shown below:

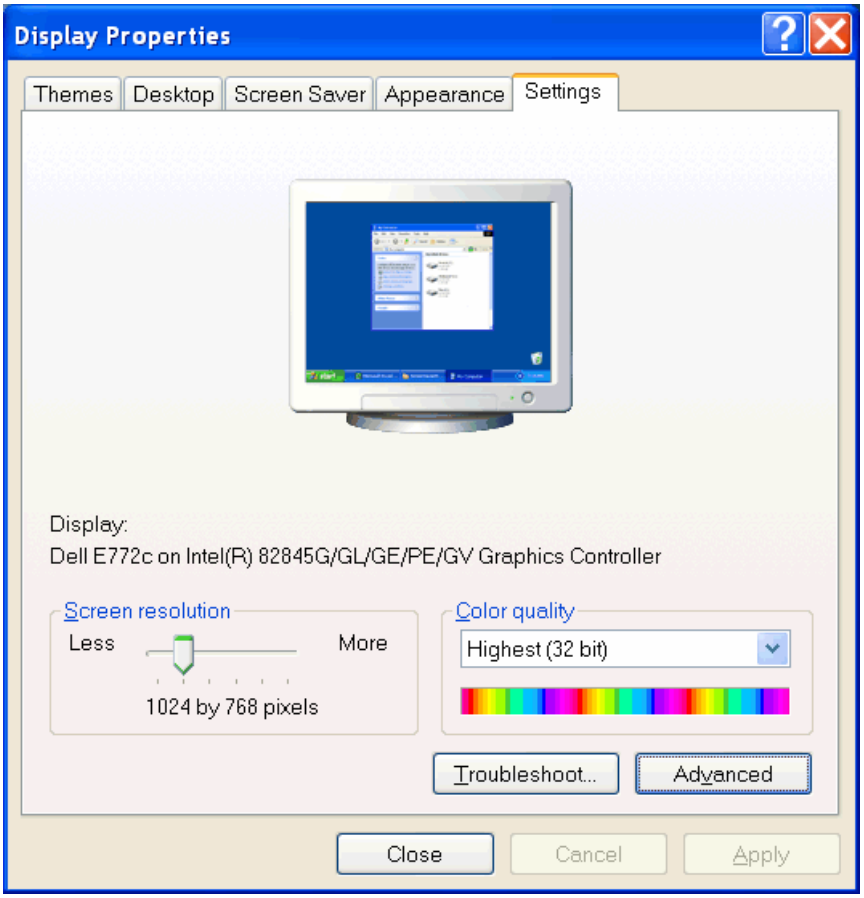

Change DPI Setting
Any font changes resulting from a new DPI setting will take effect after the fonts are installed and Windows is restarted.
OK

- Click Ok

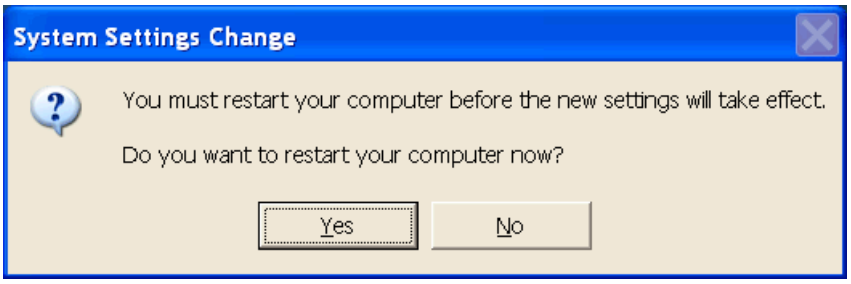
- Select “Restart the computer before applying the new display settings” and click Ok. This will display the dialog shown below:


General
The required files are already installed on your hard disk. Setup can use these existing files, or Setup can recopy them from your original Windows CD-ROM or from a network share.
Would you like to skip file copying and use the existing files? (If you click No, you will be prompted to insert your Windows CD-ROM or to supply an alternate location where the needed files may be found.)
Yes
No

- Click Yes. This will return to the Settings tab display as show below:



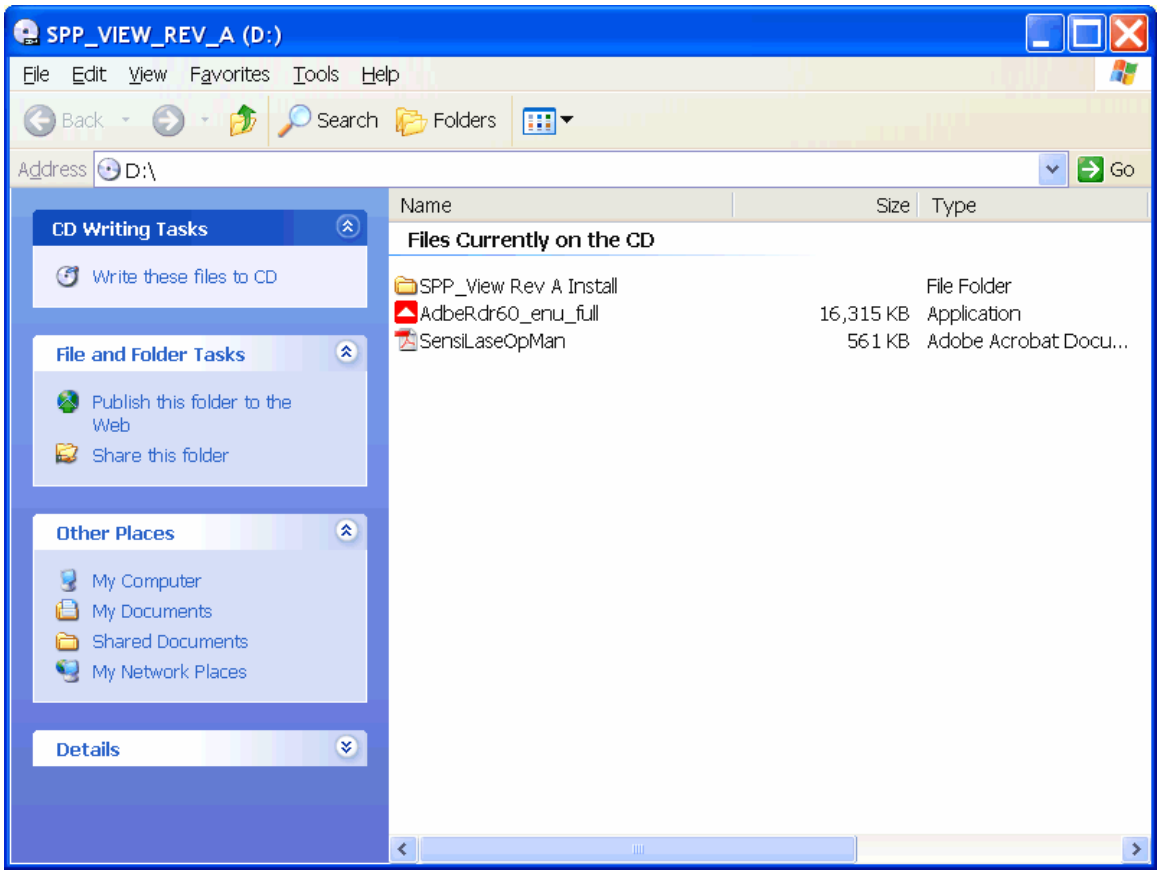
- Click Close. This will display the dialog shown below:


System Settings Change
You must restart your computer before the new settings will take effect.
Do you want to restart your computer now?
Yes
No

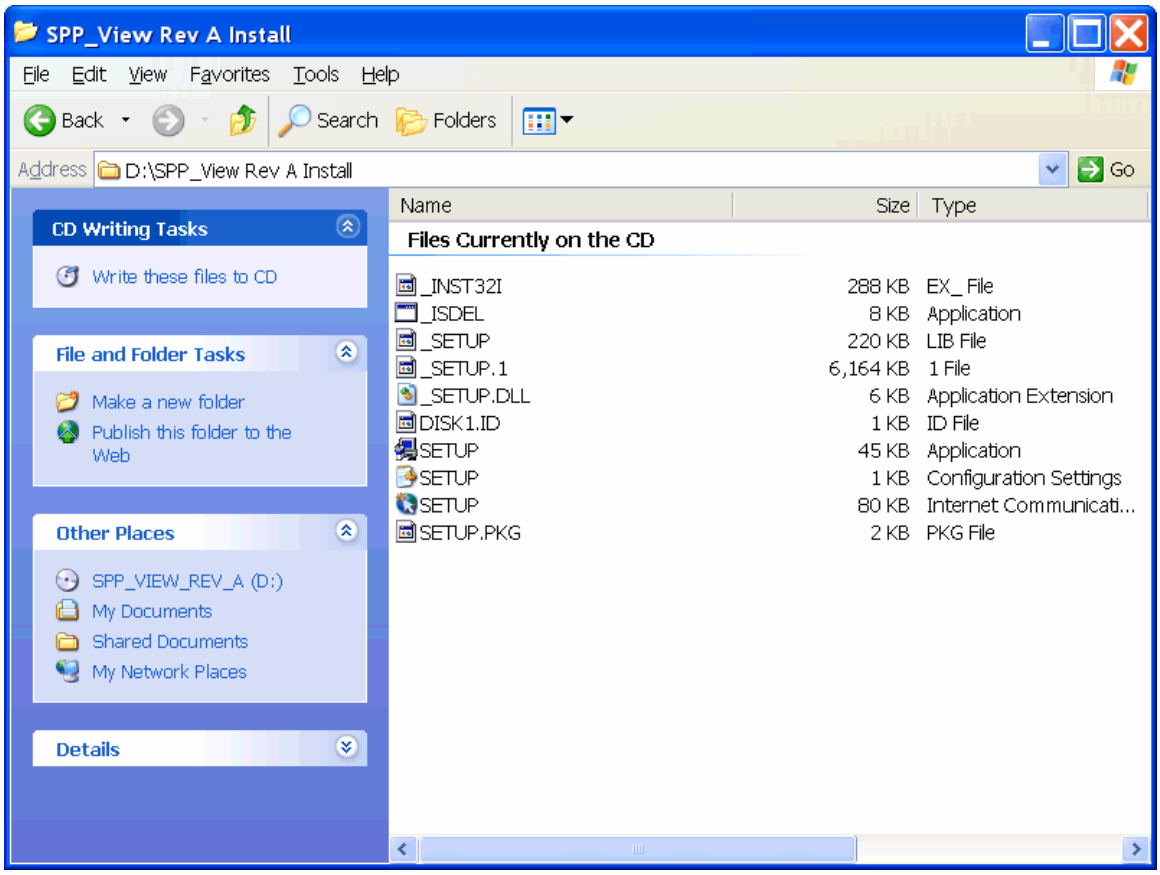
- Before clicking on Yes to restart the PC remove the CD. Now click Yes.

3 Install the SensiLase View Software

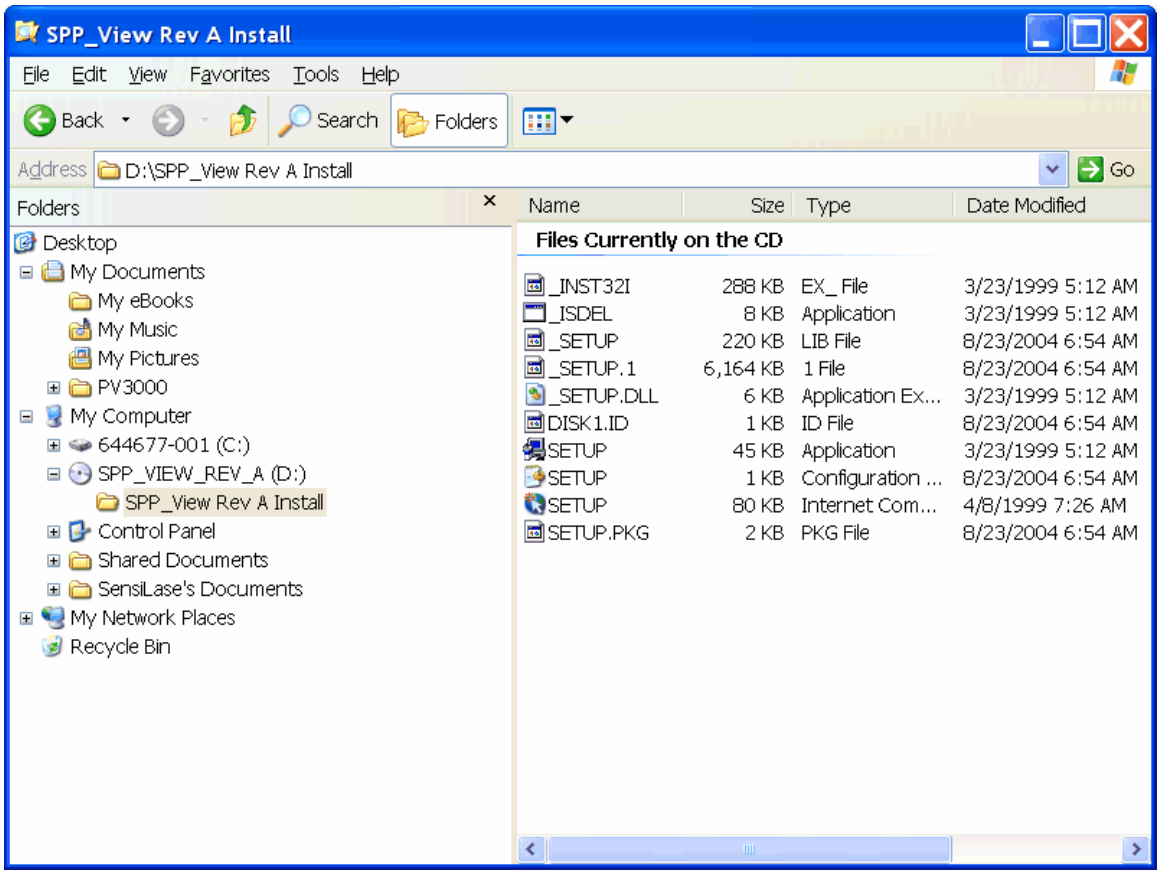
3.1 After PC restart, re-insert the SPP VIEW Software Installation Disk. The following dialog should display. Disregard the SPP_View Rev label, you may have a different Rev than that shown below.



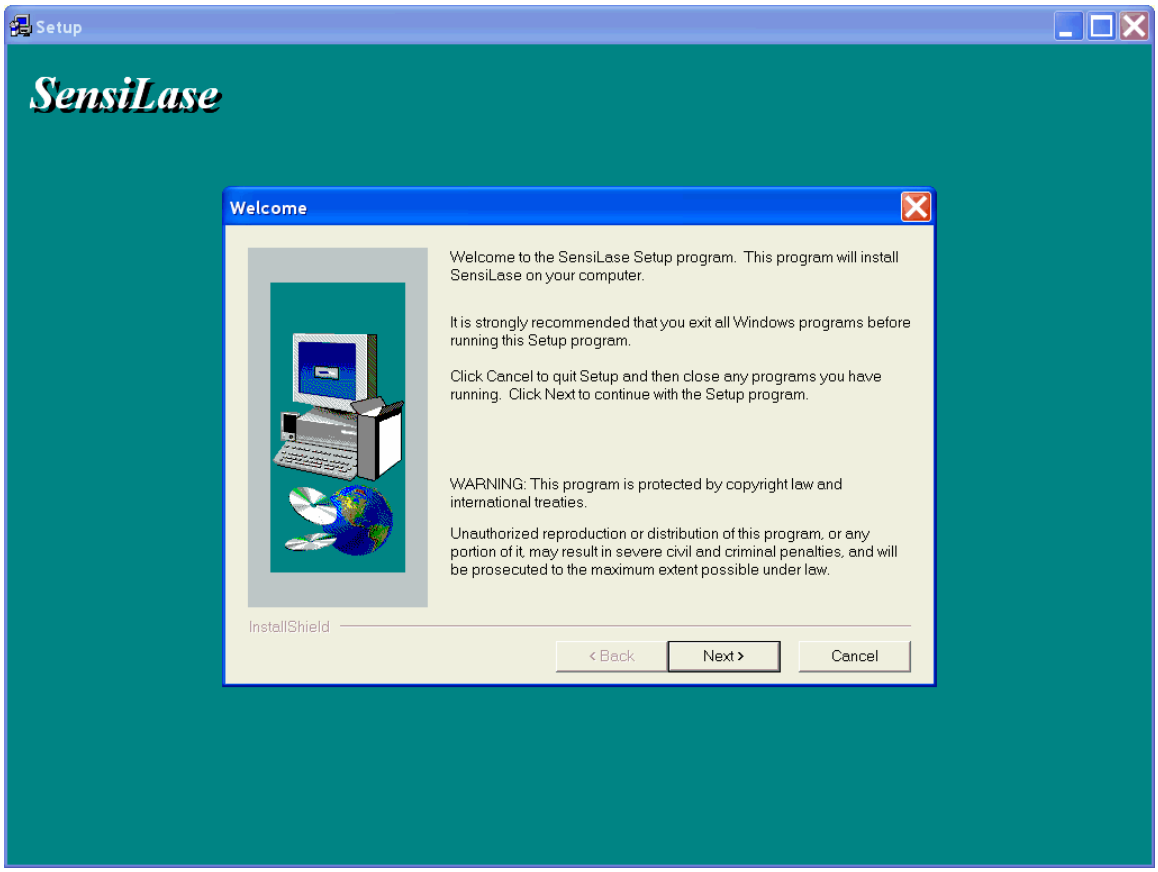
3.2 If the dialog displays as shown above, open the SPP_View Install directory. This will display the dialog shown below. Proceed to step 3.4



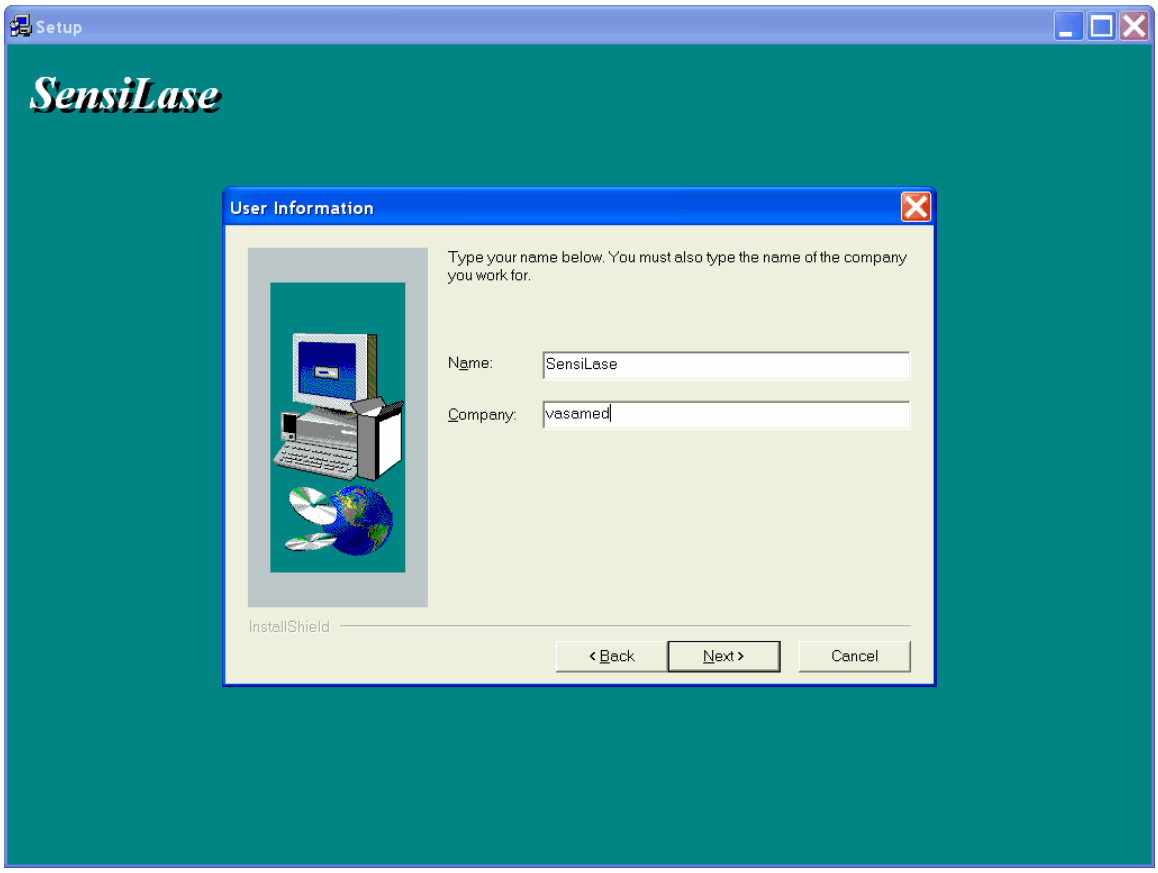
3.3 If the dialog doesn't display as shown in step 3.1, open the Windows Explorer and go to the SPP_View Install directory on the CD. This should display the following dialog:


SPP_View Rev A Install
File Edit View Favorites Tools Help
Back Search Folders
Address D:\SPP_View Rev A Install
Go
Folders
Desktop
My Documents
My eBooks
My Music
My Pictures
PV3000
My Computer
644677-001 (C:)
SPP_VIEW_REV_A (D:)
SPP_View Rev A Install
Control Panel
Shared Documents
SensiLase's Documents
My Network Places
Recycle Bin
Name Size Type Date Modified
Files Currently on the CD
INST32I 288 KB EX File 3/23/1999 5:12 AM
_ISDEL 8 KB Application 3/23/1999 5:12 AM
_SETUP 220 KB LIB File 8/23/2004 6:54 AM
_SETUP.1 6,164 KB 1 File 8/23/2004 6:54 AM
_SETUP.DLL 6 KB Application Ex... 3/23/1999 5:12 AM
DISK1.ID 1 KB ID File 8/23/2004 6:54 AM
SETUP 45 KB Application 3/23/1999 5:12 AM
SETUP 1 KB Configuration ... 8/23/2004 6:54 AM
SETUP 80 KB Internet Com... 4/8/1999 7:26 AM
SETUP.PKG 2 KB PKG File 8/23/2004 6:54 AM

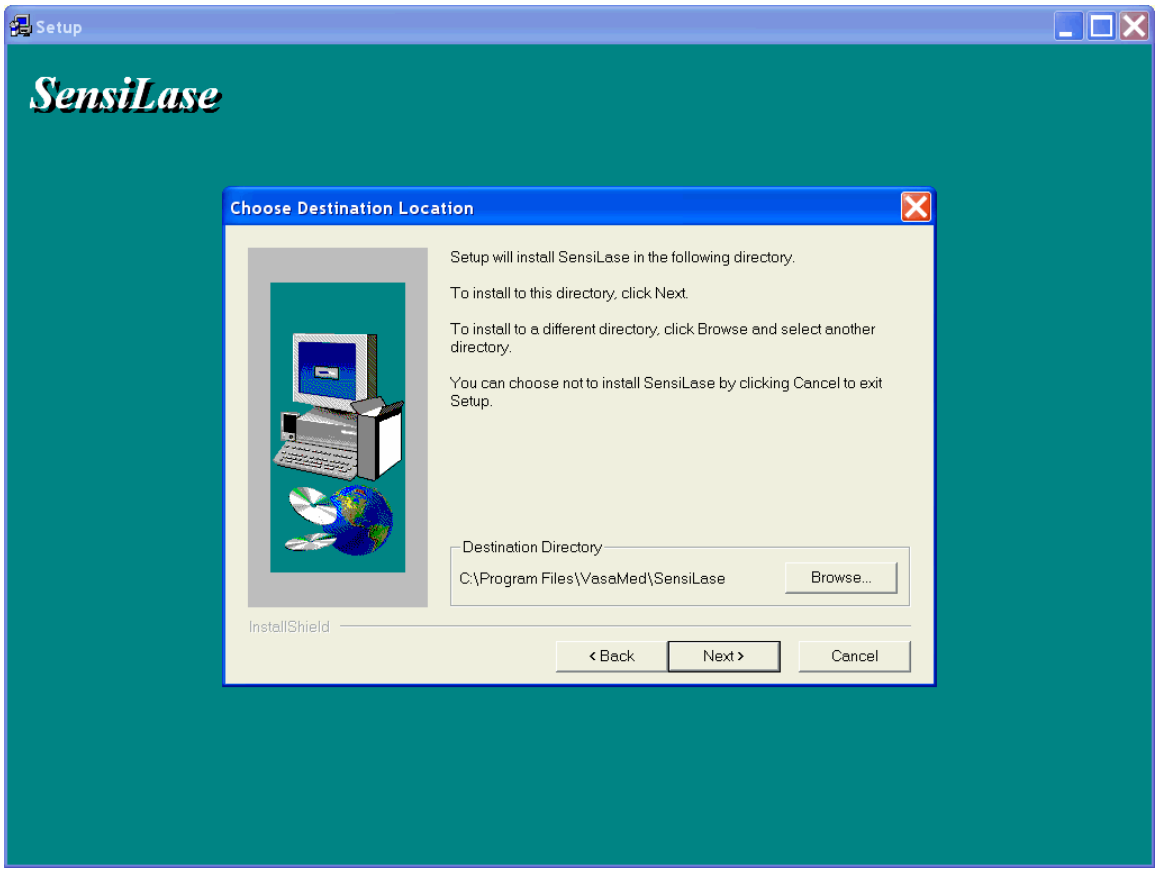
3.4 Double Click the Setup.exe file to run the installation program. The following screen will display:


Setup
SensiLase
Welcome
Welcome to the SensiLase Setup program. This program will install SensiLase on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
InstallShield
< Back
Next >
Cancel

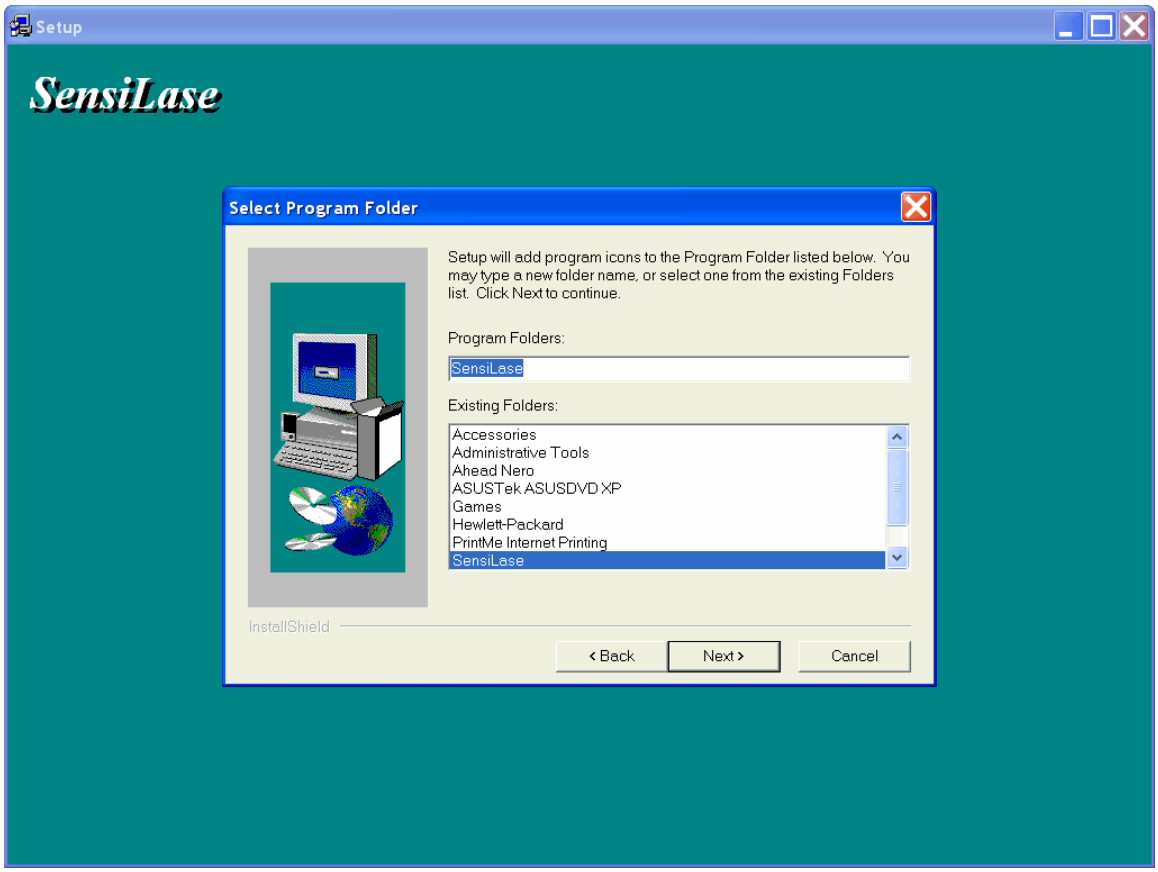
3.5 Click Next. The User Information screen will display. Type SensiLase in the Name field as shown and vasamed in the Company field as shown.



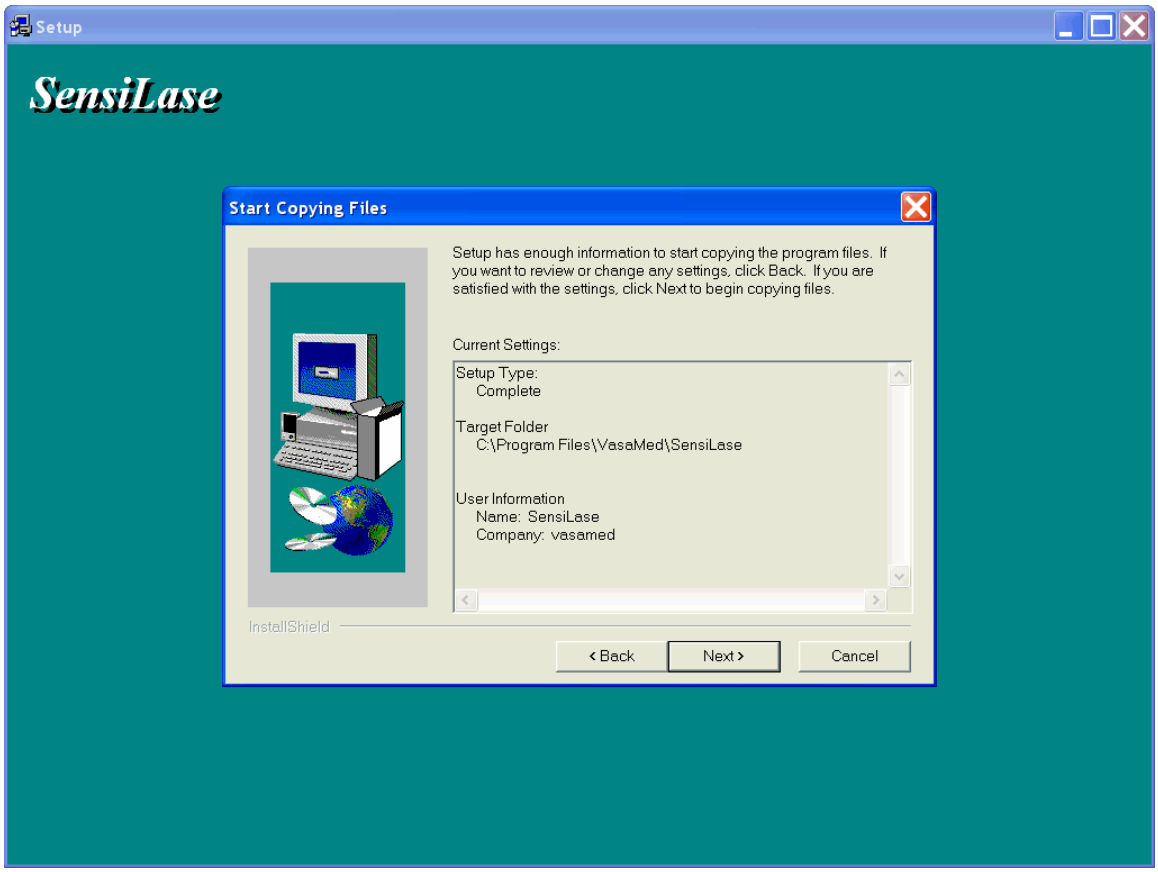
3.6 Click Next. The following screen will display:


Setup
SensiLase
Choose Destination Location
Setup will install SensiLase in the following directory.
To install to this directory, click Next.
To install to a different directory, click Browse and select another directory.
You can choose not to install SensiLase by clicking Cancel to exit Setup.
Destination Directory
C:\Program Files\VasaMed\SensiLase
Browse...
InstallShield
< Back
Next >
Cancel

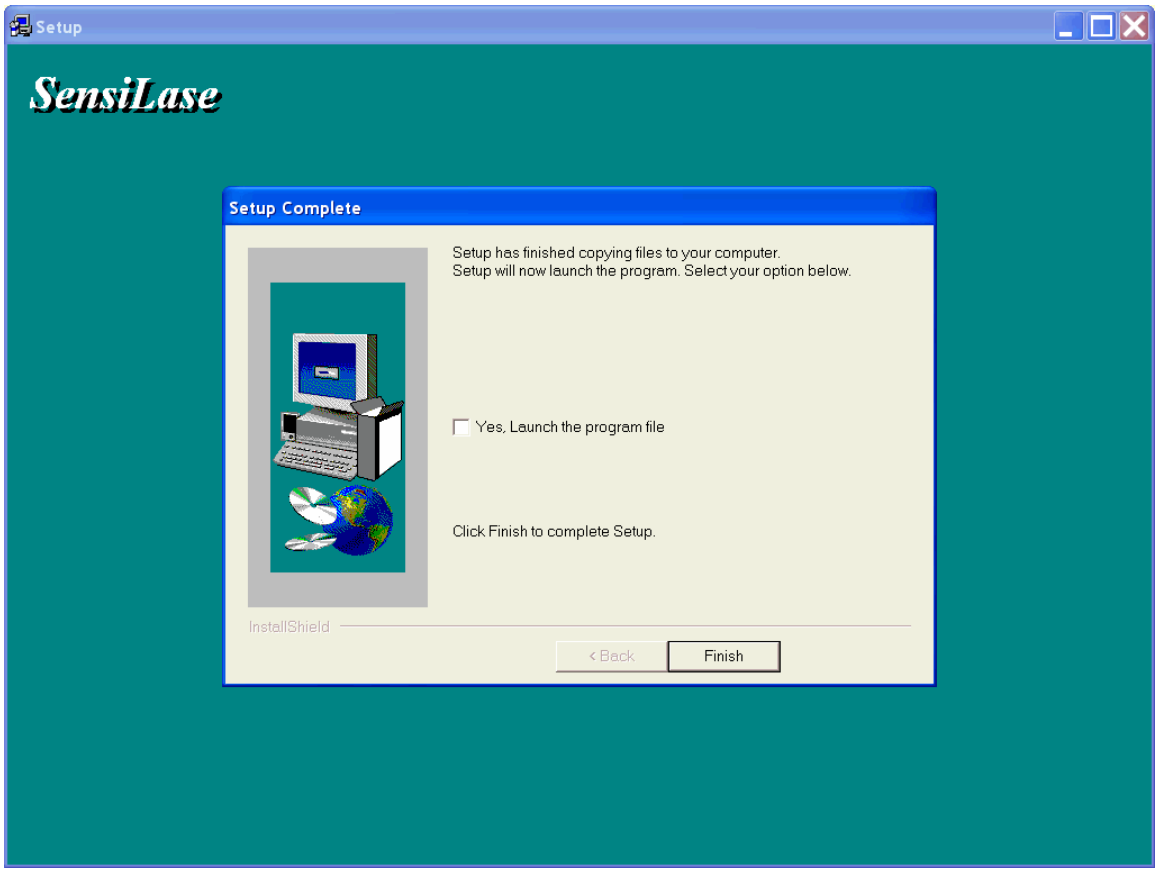
3.7 Click Next. The following screen will display:



3.8 Click Next. The following screen will display:


Setup
SensiLase
Start Copying Files
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
Setup Type:
Complete
Target Folder
C:\Program Files\VasaMed\SensiLase
User Information
Name: SensiLase
Company: vasamed
InstallShield
< Back
Next >
Cancel

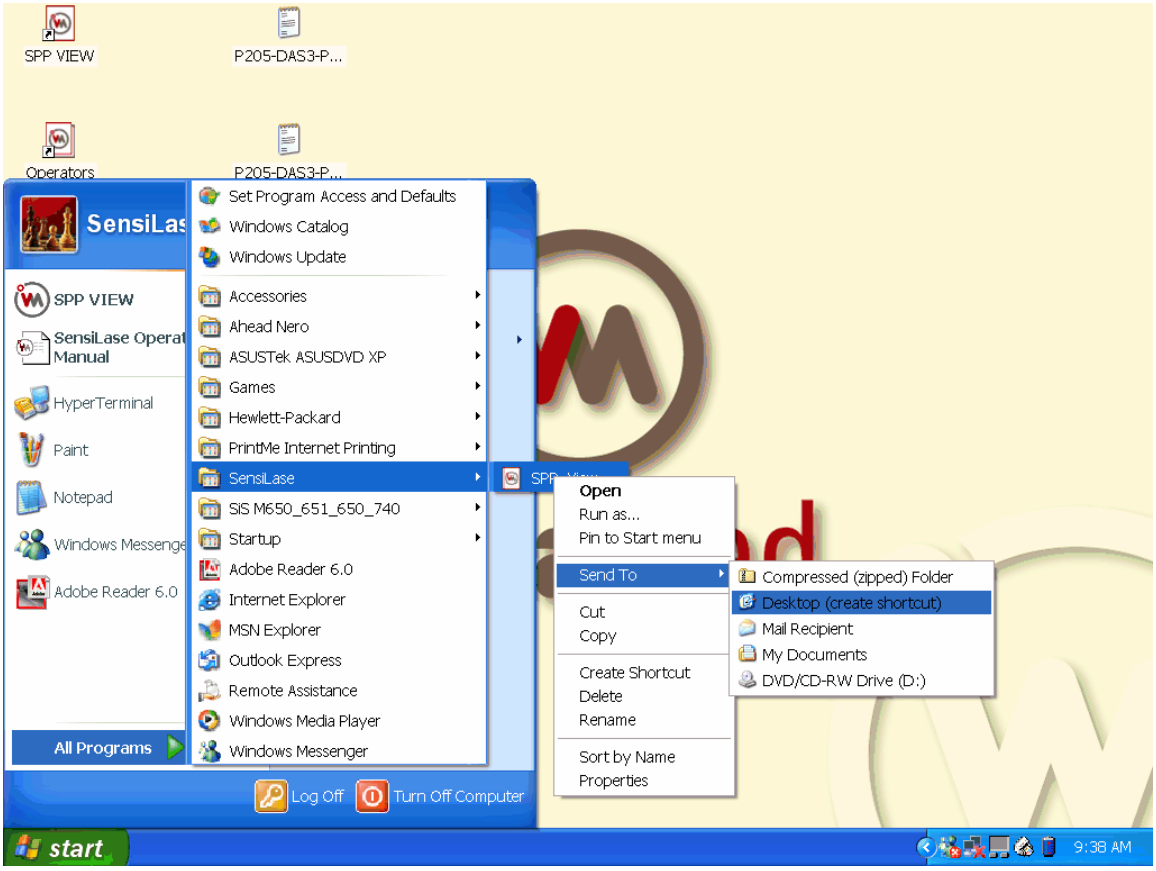
3.9 Click Next. Various messages and progress indicators will appear while the program is installing and when it is complete the following screen will display:



3.10 Leave the check box unchecked and click Finish. This completes the SPP VIEW software installation. If you wish to install a shortcut to SPP VIEW on the Desktop follow the procedure in step 3.11 otherwise proceed to step 4.

3.11 To install a Desktop icon for the SPP View application, perform the following steps using the next screen display as a reference:

- Left click on the Start button and position the mouse pointer over Programs.
- If the resulting menu is not fully expanded, click on the double down arrow symbol to expand it.
- Place the mouse pointer over the SensiLase item.
- Place the mouse pointer over the SPP_View item and click the **RIGHT** mouse button.
- Place the mouse pointer over the Send To item and then **LEFT** click on the Desktop (create shortcut) item.



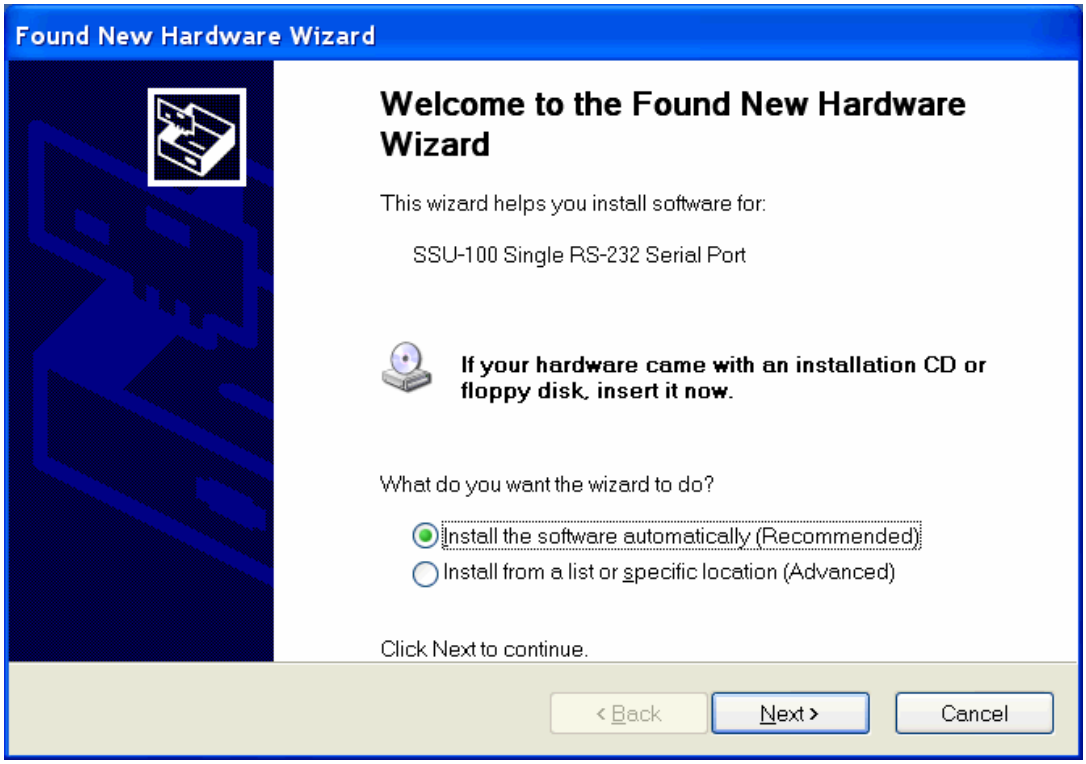
3.12 To install a Desktop icon for the SensiLase Operators Manual perform the following steps:

- Open the Windows Explorer and go to the "C:\Program Files\vasamed\SensiLase" directory.
- Highlight the "SensiLaseOpMan.pdf" file and click on it with the RIGHT mouse button.
- Highlight the "Send To" menu option.
- Highlight the "Desktop (create shortcut)" menu option and click on it with the LEFT mouse button.
- Close the Window Explorer.
- Highlight the newly created shortcut on the Desktop and click on it with the RIGHT mouse button.
- Highlight the "Properties" menu option and click on it with the LEFT mouse button. The Shortcut Properties dialog box will be displayed.
- Click on the "Change Icon…" button. The "Change Icon" dialog box will be displayed with multiple icons shown.
- Click on the "Browse…" button. A second "Change Icon" dialog box will be displayed.
- Click the Down Arrow to the right of the "Look In:" field and proceed to the "Local Disk (C:)\Program Files\vasamed\SensiLase\Extras" directory.
- Highlight the "SensiLase_OpMan.ico" file and click the "Open" button. This will return you to the first "Change Icon" dialog box and the newly selected icon will now be displayed.
- Click the "Ok" button. This will return you to the Shortcut Properties dialog box with the newly selected icon displayed.
- Click the "Ok" button. The Shortcut Properties dialog box will close and you will be returned to the Desktop and the newly selected icon will be displayed.

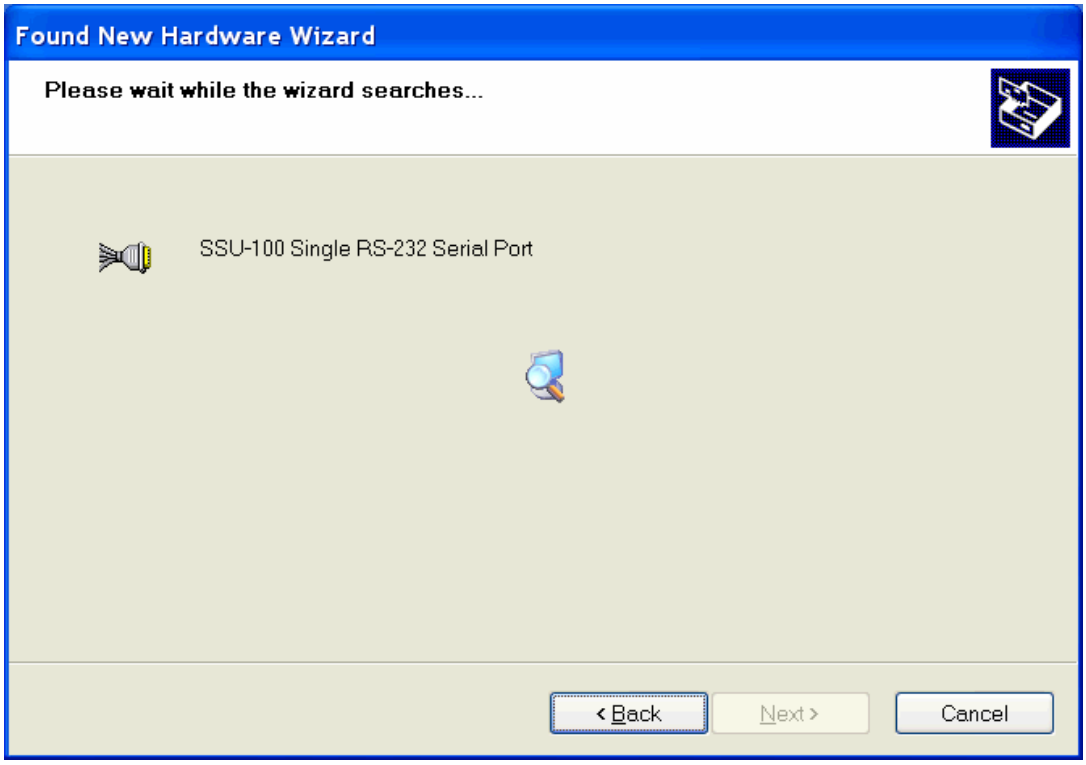
4 Install the Quatech USB to RS232 Adapter Driver (Option A).

- Close all running applications.
- Connect the PC to the SensiLase DAS unit using the supplied USB cable. The DAS need not be powered up for this step. The following Windows prompt will be displayed:

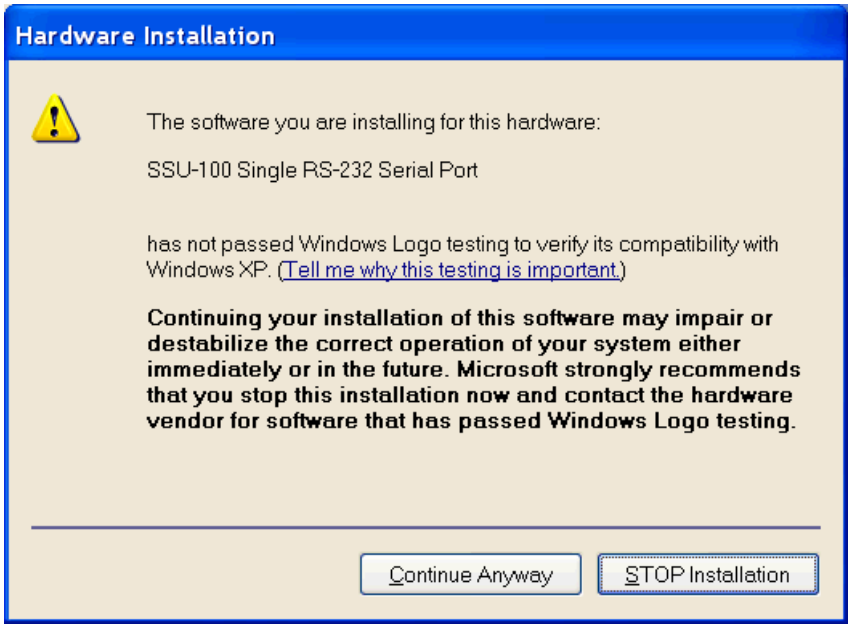
- After a delay the following dialog will be displayed:


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
SSU-100 Single RS-232 Serial Port
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

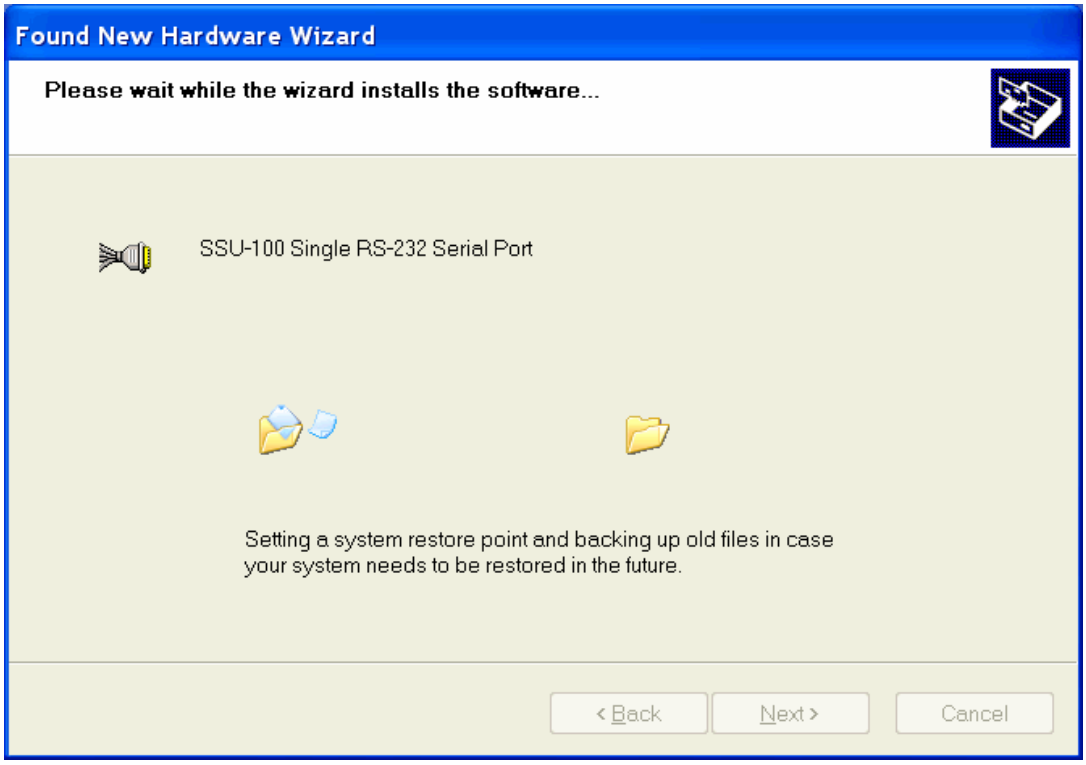
- Insert the Quatech driver disk into the CD drive and click Next. The following dialog will be displayed while the wizard searches for the driver:



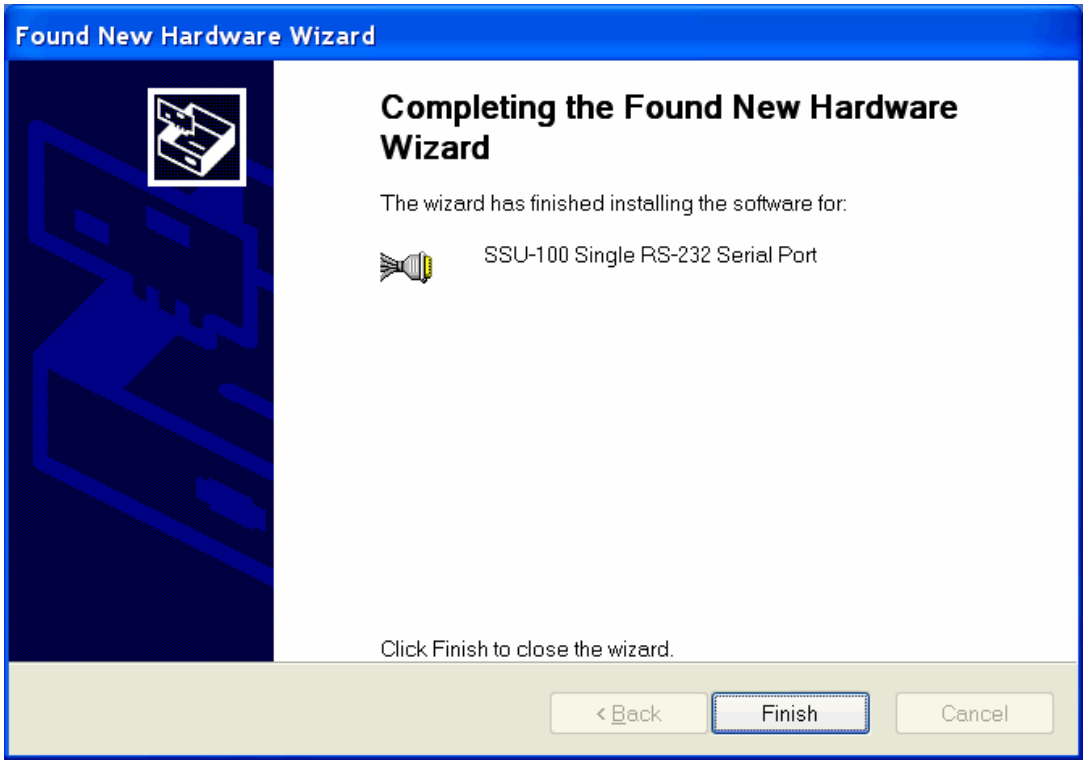
- When the driver is found the following dialog will be displayed:


Hardware Installation
The software you are installing for this hardware:
SSU-100 Single RS-232 Serial Port
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

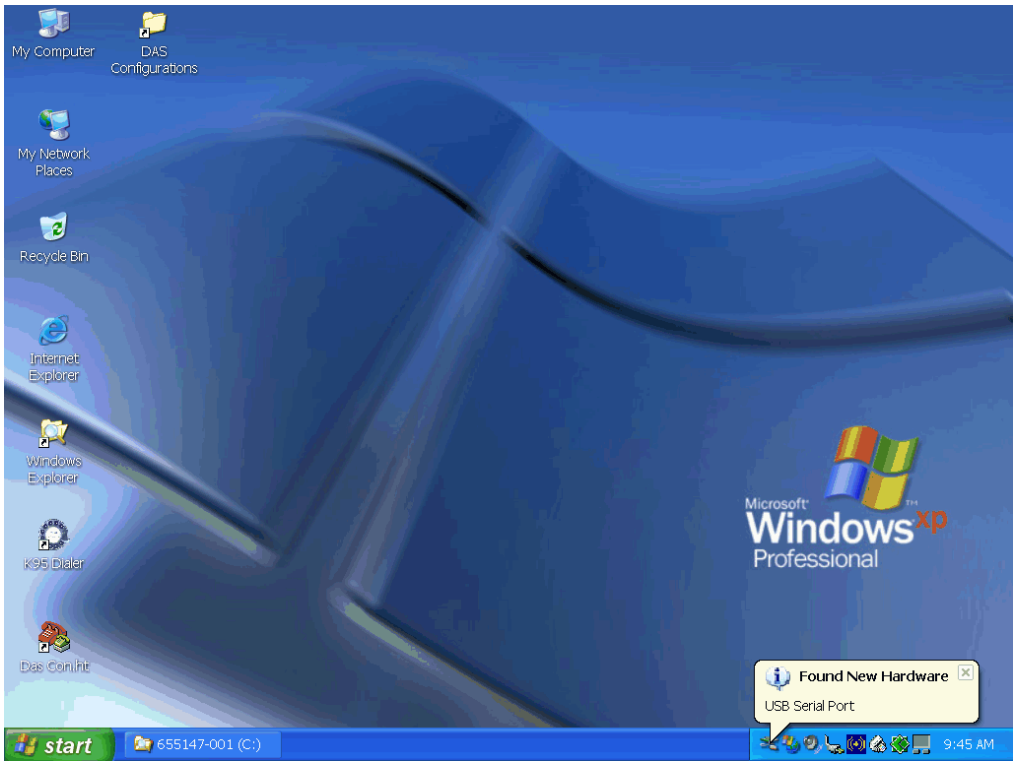
- Click Continue Anyway. The following dialog will be displayed while the wizard installs the driver:


Found New Hardware Wizard
Please wait while the wizard installs the software...
SSU-100 Single RS-232 Serial Port
Setting a system restore point and backing up old files in case your system needs to be restored in the future.
< Back
Next >
Cancel

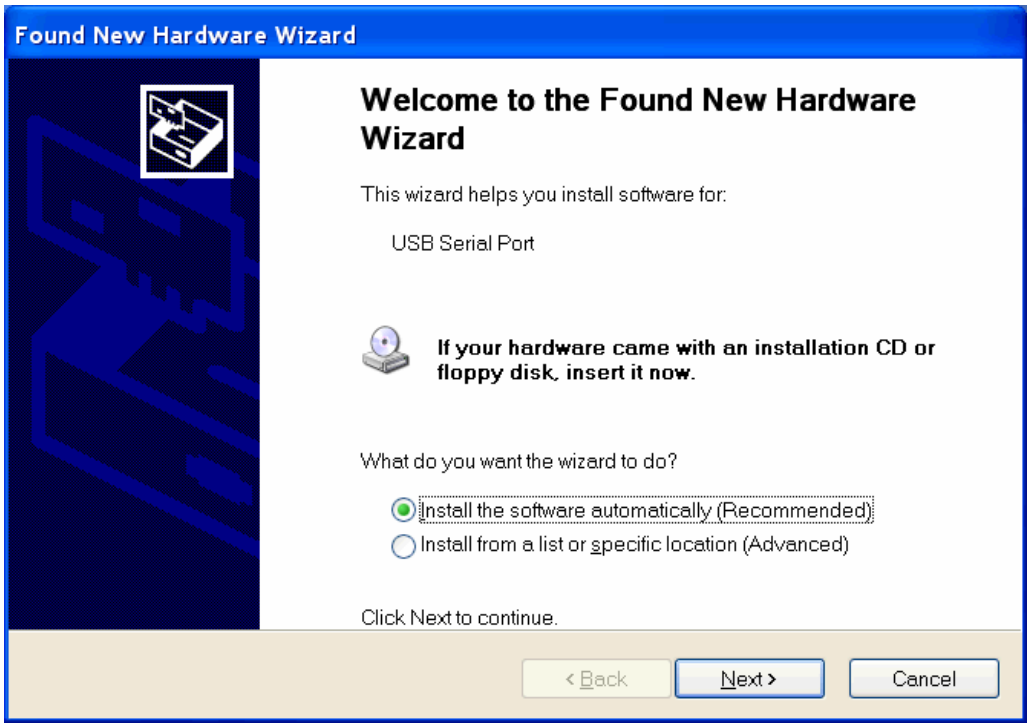
- When the installation is complete the following dialog will be displayed:


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
SSU-100 Single RS-232 Serial Port
Click Finish to close the wizard.
< Back
Finish
Cancel

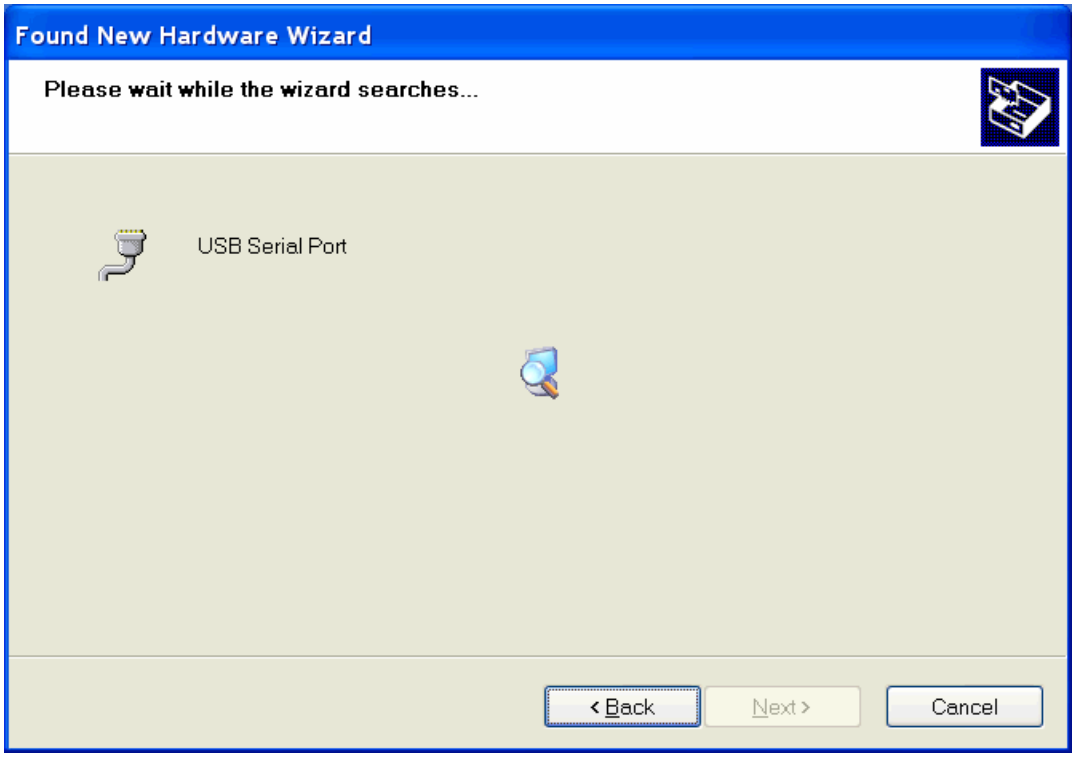
- Click Finish. The following Windows prompt will be displayed:



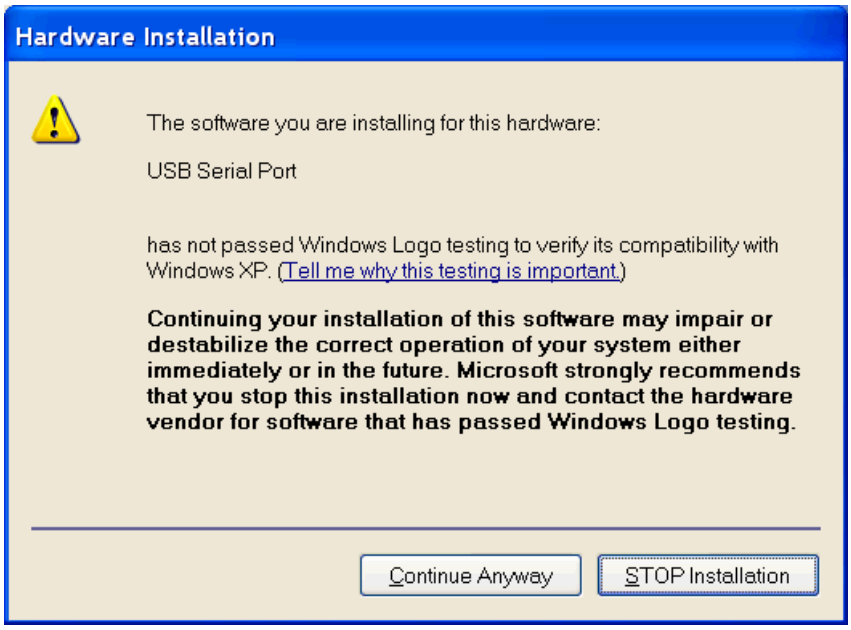
- After a delay the following dialog will be displayed:


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
USB Serial Port
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

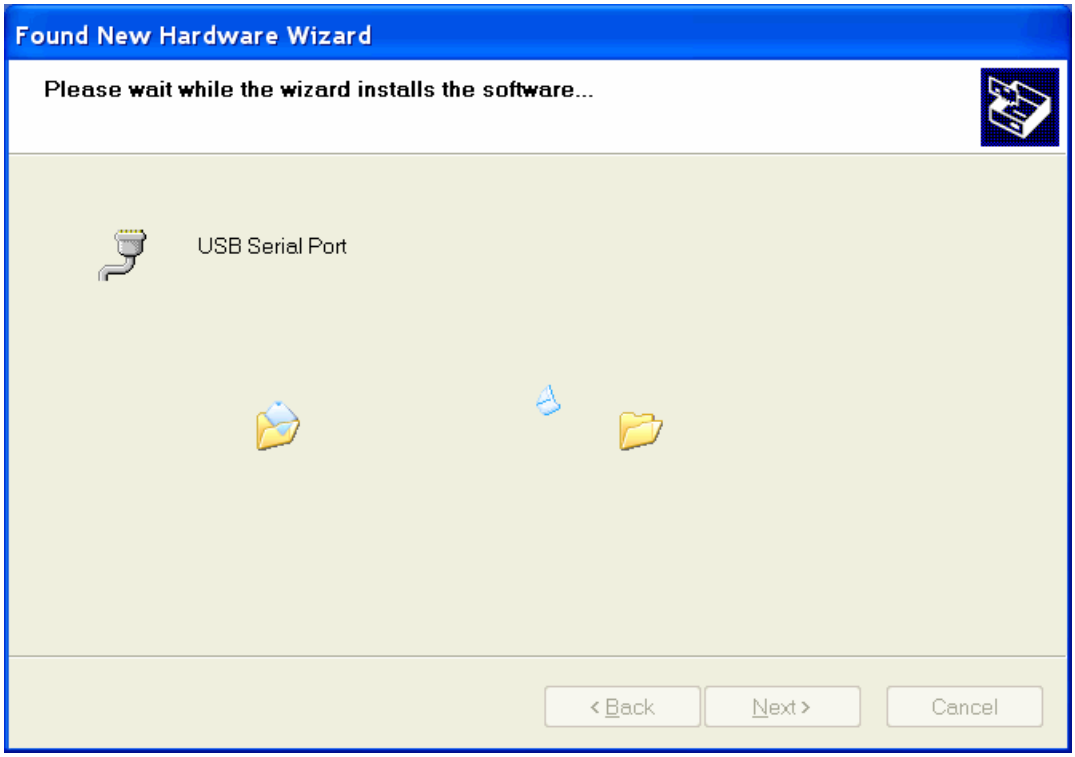
- The CD is already in the drive. Click Next. The following dialog will be displayed while the wizard searches for the driver:



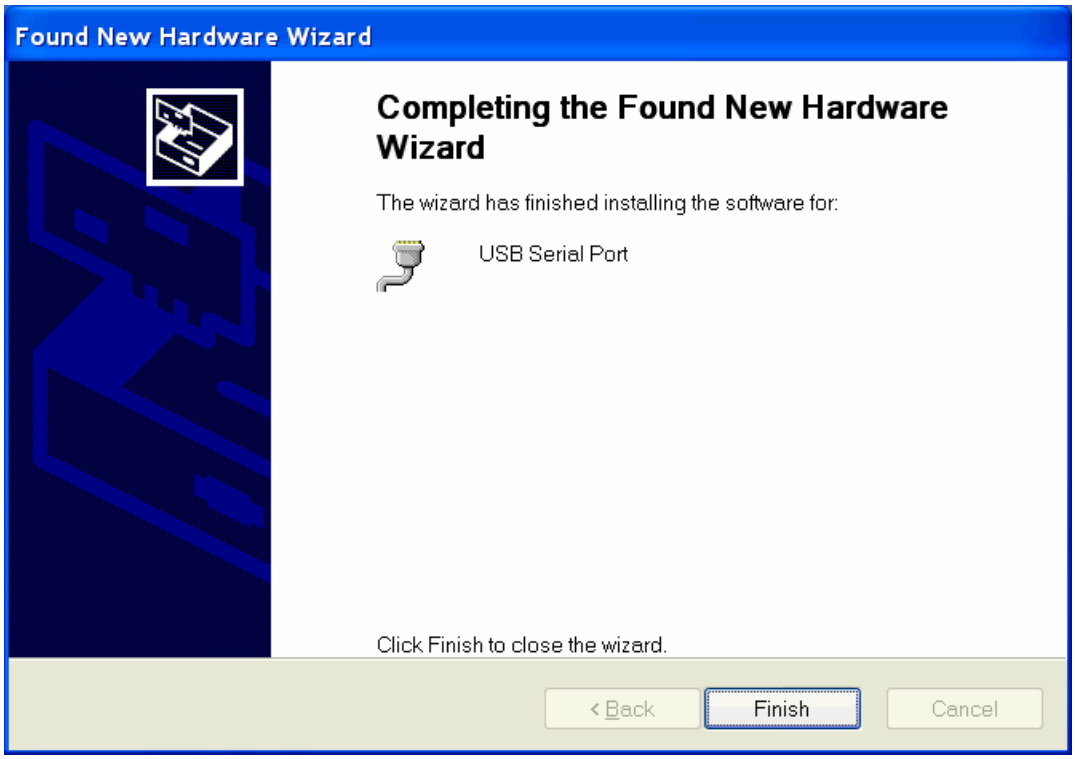
- When the driver is found the following dialog will be displayed:


Hardware Installation
The software you are installing for this hardware:
USB Serial Port
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

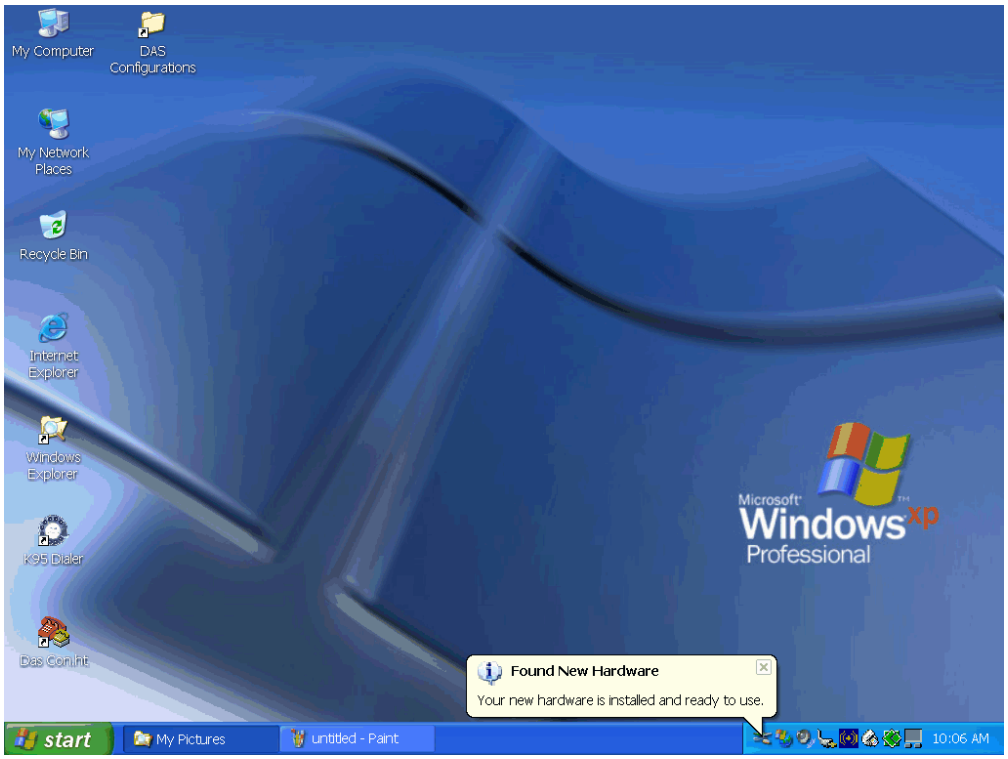
- Click Continue Anyway. The following dialog will be displayed while the wizard installs the driver:



- When the installation is complete the following dialog will be displayed:



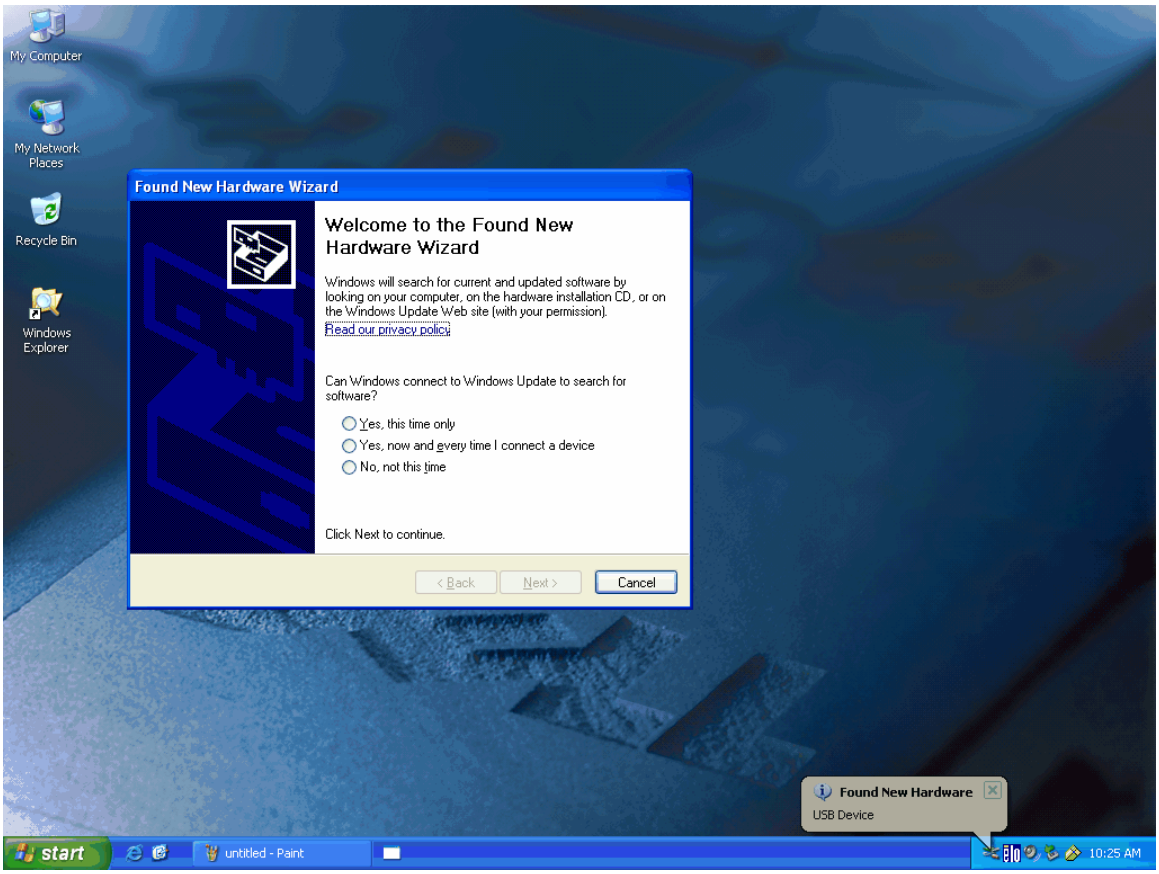
- Click Finish. The following Windows prompt will be displayed:



- After a delay the above prompt will disappear and the adapter is ready for use.

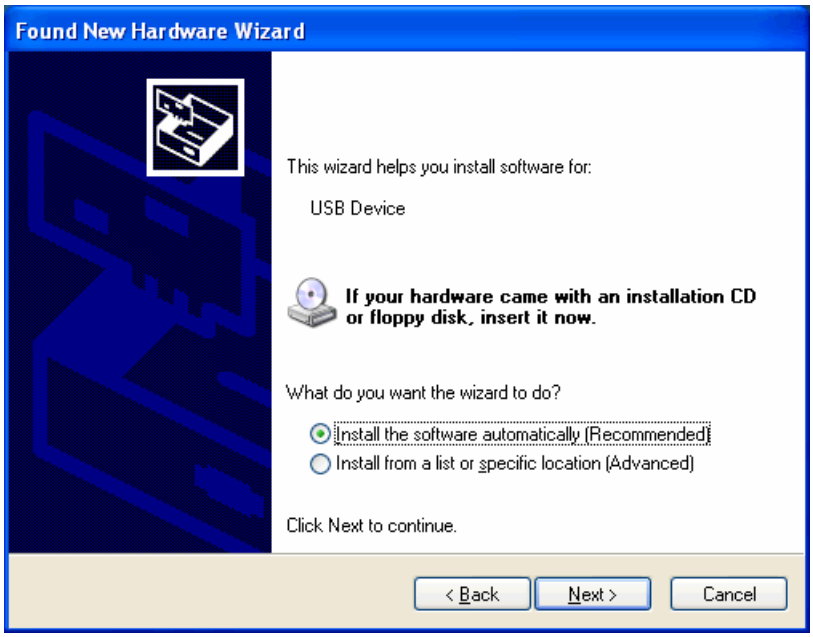
5 Install the Gold *X* USB to RS232 Adapter Driver (Option B - Type 2).

- Close all running applications.
- Connect the USB end of the Gold *X* cable to the PC. The RS232 end of the cable need not be connected to the DAS for this step. The following Windows prompt and dialog will be displayed:


My Computer
My Network Places
Recycle Bin
Windows Explorer
Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel
Found New Hardware
USB Device
start
untitled - Paint
10:25 AM

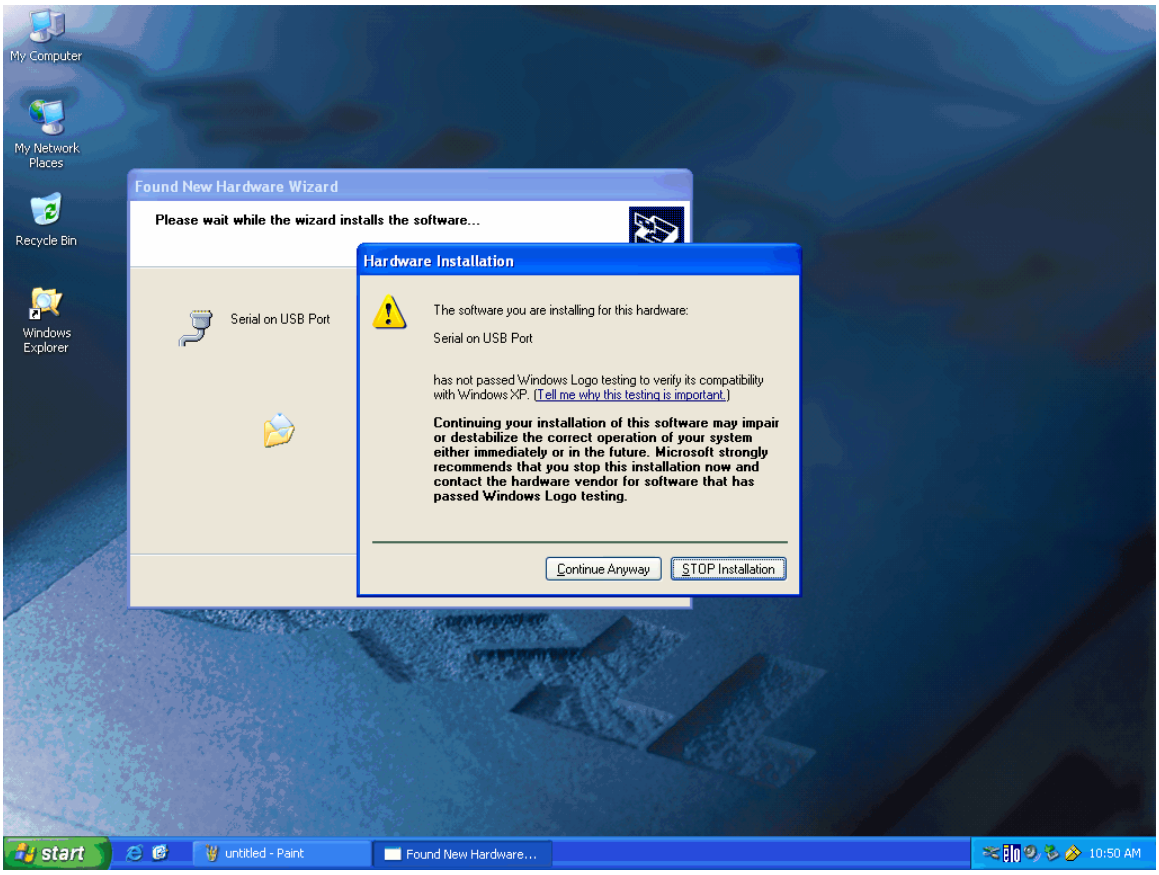
- Select “No, not at this time” and click “Next”

- The following dialog will be displayed:


Found New Hardware Wizard
This wizard helps you install software for:
USB Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

- Leave the default selection, insert the supplied floppy disk and click “Next”.

- The following dialogs will be displayed:


My Computer
My Network Places
Recycle Bin
Windows Explorer
Found New Hardware Wizard
Please wait while the wizard installs the software...
Serial on USB Port
Hardware Installation
The software you are installing for this hardware:
Serial on USB Port
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation
start
untitled - Paint
Found New Hardware...
10:50 AM

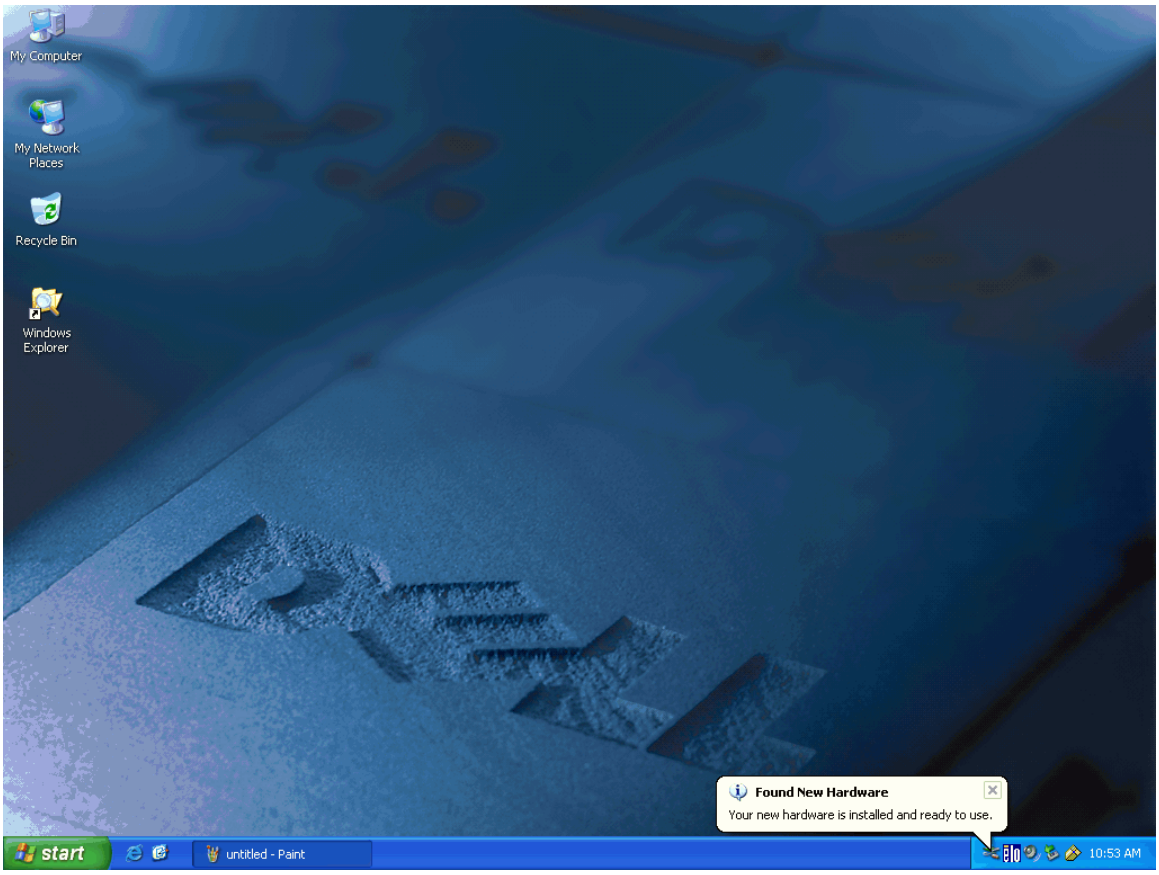
- Click “Continue Anyway”.

- After a short delay the following dialog will be displayed:

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Serial on USB Port
Click Finish to close the wizard.
< Back
Finish
Cancel

- Click “Finish”

- The following screen will be displayed:



- This completes the Gold *X* USB to RS232 driver installation.